

Pinedale Anticline Working Group

January 4, 2005 Air Quality Task Group Meeting Notes

Attendees: See attached sign in sheet.

Co-chairs Terry Svalberg and Cara Casten opened the meeting with members of the group and public attendees introducing themselves.

Introductions:

Members present:

1. Terry Svalberg, USFS, Air Quality Specialist.
2. Cara Casten, WY. DEQ Air Quality Division.
3. Jim Sewell, Shell Exploration & Production Co.
4. Kate Forsting, Energy Labs, Environmental Chemistry.
5. William Belveal, concerned citizen.
6. Mike Golas, Questar, Environmental/safety program.
7. Jonathan Ratner, Western Watersheds.
8. Susan Caplan, BLM State Office, Meteorologist.

Public Present:

1. Ted Porwoll, USFS Air Quality Technician, minutes recorder.
2. Patrick Brierley, Duke Energy Field Services.
3. Tony Vitolo, Duke Energy Field Services.
4. Mike Todd, Duke Energy Field Services.
5. Laurie Goodman, Trout Unlimited.
6. Anna Gustafson, Pinedale Roundup.
7. Lauren McKeever, Upper Green River Valley Coalition.
8. Sallie Otteman, BLM Pinedale Field Office.
9. Joe Delwich, EPA Region 8, (by telephone).

Representation:

- ✚ Rick Hoffman (task group representative from Sublette County) resigned as a member of the Air Quality Task Group on December 28, 2004.
- ✚ It was agreed that the task group would approach the PAWG and request another representative from Sublette County, if one is available.
- ✚ Perry Walker, task group member, was unable to attend due to prior job related commitments.
- ✚ Sallie Otteman attended the meeting and represented the BLM Pinedale Field Office.
- ✚ Joe Delwich from EPA Region 8 participated by phone.

Agenda:

- ✚ Cara presented the agenda for the meeting and asked if there were any additions or comments from the group.
- ✚ Handout (agenda).

Meeting Notes:

- ✚ The Task Group approved the notes from 11/03/04 and 11/30/04 Task Group meeting with some minor changes.
- ✚ The Task Group engaged in a short discussion of Action Items identified at the previous meeting.

PAWG Protocol (discussion):

- ✚ Discussion of PAWG and Task Group FACA and DOI Compliant Protocol.
- ✚ Handout (PAWG and Task Group FACA and DOI Compliant Protocol, Carol Kruse, 12/30/04).

Draft Monitoring Plan (discussion):

- ✚ Handout (Draft Air Quality Monitoring Plan).
- ✚ Handout (Summary of USFS Lake Chemistry, Deposition and Visibility Data).
- ✚ The Task Group reviewed the Draft Air Quality Monitoring Plan.
- ✚ Mike Golas suggested that the group needs to agree on the scale of the Monitoring Plan. Should the Task Group limit the scale of the plan to the PAPA and Jonah II project areas? Mike has concerns that it may be difficult for industry to fund monitoring projects outside the Project Areas.
- ✚ Terry suggested that the Monitoring Plan should illustrate the “big picture” and then identify and focus on what is within the Task Groups purview.
- ✚ Jonathan suggested that the group needed to lay a foundation for the Monitoring Plan by assessing the regulatory needs and efficiency of any monitoring projects. The Monitoring Plan should be robust and scientifically defensible. Need to identify which regulatory mechanisms are already in place.
- ✚ Jonathan suggested that any assumptions the task group uses should be openly identified.
- ✚ Cara stated that each of the new monitoring stations have been equipped and sited to address specific concerns.
- ✚ Mike Golas suggested that the group may currently need to focus more on funding than on science. The group should not allow ongoing Monitoring Programs to go unfunded, while developing new Monitoring Programs.
- ✚ Can the Task Group recommend that BLM provide support for the analysis of USFS Long Term Data?
- ✚ If additional, outside, technical expertise is needed to develop the plan, how will the group pay for these services?
- ✚ The Task Group had concerns about being able to solicit and manage grants, agreements, and other funds. Funding issues will be addressed at the 1/05/05 PAWG Meeting.
- ✚ The group agreed to produce a matrix of current and historical Monitoring Programs. The matrix would help identify what data is already available, what it

may represent, and how it may be used. This matrix could be included in the Draft Air Quality Monitoring Plan.

- ✚ Joe Delwich from the EPA, Region 8, Air Quality Program mentioned that there are numerous guidance documents, available from EPA, which address monitoring equipment, protocols, and sighting of equipment. They should be considered as direction for the Monitoring Program.
- ✚ Does the Adaptive management scheme allow the task groups to suggest mitigation measures? The group agreed that they should suggest mitigation measures and define whose authority the mitigation falls under.
- ✚ Monitoring Plan should include what controls and mitigation measures are already required or being implemented.
- ✚ Mike suggested that the focus of the Air Quality Monitoring Plan be more generalized and not specifically on Oil and Gas Development. My suggested text: Mike stated that, as we all know, there are many other emission sources in the area and not just those in the PAPA. Our monitoring plan should reflect that fact.

Major Concerns:

- ✚ William Belveal mentioned that he is most concerned with visibility in the Upper Green River Valley.
- ✚ The group agreed that one of the task groups should address light pollution, specifically compressor station lighting (long term light issue).
- ✚ There was agreement that tracking activity levels in the project areas would be beneficial to all of the task groups.
- ✚ William Belveal is concerned with how DEQ is dealing with flaring and completion emissions. Cara responded that DEQ is in the process of Rule Making to address how they will regulate flaring and completion.

Activity Level Tracking (discussion):

- ✚ Level of Development Tracking should be initiated. Items to be tracked could include, but are not limited to; flaring, travel, reclamation effectiveness (i.e. disturbed acres vs. reclaimed acres), number of rigs, total horsepower, etc. Several Task Groups would benefit from this type of tracking and it should be coordinated so that minimal duplication of effort takes place.
- ✚ Activity Level Tracking should also include tracking of prescribed fire, wildfire, agricultural burning, and major dust events.
- ✚ Need a list of tools which are available for tracking these types of events. This list could include; WY. DEQ tracking of permitted emissions since 1996, State of the Atmosphere Study (BLM), TRC emissions inventory which was developed for use in the BLM's RMP revisions and Questars emissions dispersion models.

Proposed Changes to Draft Air Quality Monitoring Plan

- ✚ Change Introduction. Include a section on roles, responsibilities and Agency Interaction.
- ✚ Change section 1.2; include Jonah II on lines 34-36.

- ✚ Change section 1.2, redefine the affected area, and include a map of the affected area.
- ✚ Change section 1.3, Define boundaries of what the Task Group will look at and incorporate this new information to section 1.3.
- ✚ Terry suggested that section 1.3 include a list of potential funding sources for monitoring.
- ✚ Add section 1.4. This new section will identify the objectives of the Annual Monitoring Report.
- ✚ The Wyoming DEQ requires that an emission dispersion model using DEQ protocol be run as a normal part of the permitting process for compression. There may be several of these available including one that Questar will soon ask for WDEQ approval
- ✚ Revise section 5.0. Include costs of reinitiating Scene Monitoring.
- ✚ Revise section 5.4. Include Activity Level Tracking.

Presentations

- ✚ Handout (Pinedale WARMS Data).
- ✚ Susan Caplan gave a presentation on NOx in the PAPA.
 - PAPA Record of Decision analysis level was 693.5 tons/year of NOx. 2003 estimated oil and gas emissions were closer to 2000 tons/year.
 - Permitted sources in the BLM Pinedale Field Office were much greater than what was analyzed.

Public Comments

- ✚ Laurie Goodman represented Trout Unlimited at the meeting and had several questions and comments. Those questions and comments are listed below.
 - Laurie would like to see 1999 data from PAPA ROD used as a baseline for monitoring because they were the levels which were analyzed for the PAPA EIS.
 - Laurie asked why the SWYTAF emissions inventory is not being used, what is wrong with it?
 - Laurie stated that the public would like to see what has changed since the SWYTAF emissions inventory was completed in 1999, (1995 data was used for the inventory).
 - Laurie stated that BLM and WY. DEQ Air Quality Division allowed violation of the Clean Air Act by approving the Questar Winter Drilling Proposal.

Adjourn

Attachments

January 4, 2005 Draft AQTG meeting Agenda

List of attendees (sign in sheets)

PAWG and Task Group FACA – and DOI compliant Protocol

PAWG Air Quality Task Group Draft Monitoring Plan

Draft Monitoring Plan Data (Figures)

Pinedale WARMS Data